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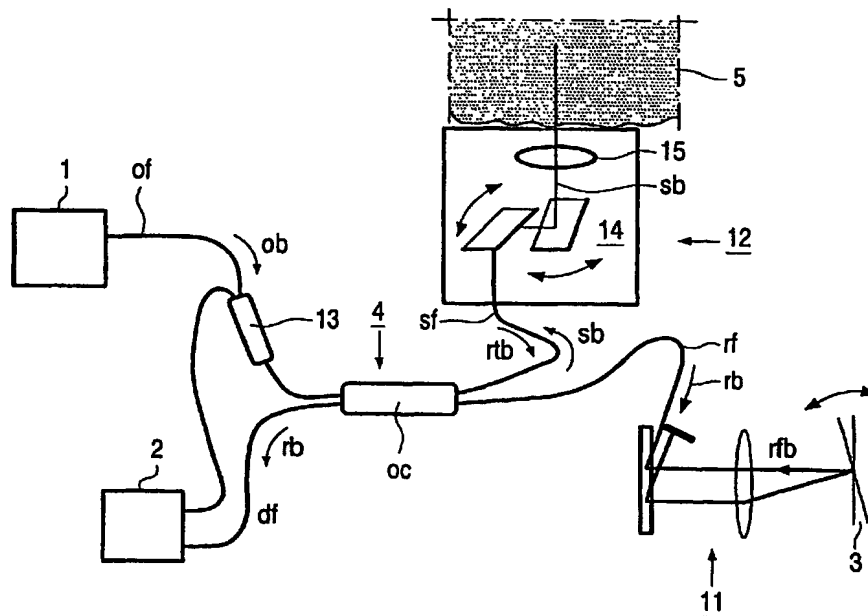
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(54) Title: OPTICAL COHERENCE TOMOGRAPHY



(57) Abstract: An optical coherence tomography system comprises an optical source (1) has an emission wavelength in the range of 1.6(m to 2.0(m, in particular having an infrared emission predominantly at a wavelength of 1.8(m associated with a transition between an upper energy level and a lower energy level and the optical source comprises an excitation system which generates stimulated emission from a pump level to the upper energy level. Preferably, the optical source includes a Tm-doped fibre (6) in an optical cavity (1,8).